



TSC is an employee owned, high technology, small business engaged in providing engineering services to the U.S. Government and Industry. TSC's Systems Development and Production Division provides radar, communications and other electronic products to the missile, radar/sensor system, communications, control systems, data acquisition, and signal processing markets. The company has developed products ranging from chip-level, application-specific, integrated circuits (ASIC) to complete, turnkey radar and communication systems. TSC has established a state-of-the-art hardware capability that is well respected by customers in Government and industry. TSC also provides full spectrum systems engineering support including theoretical analysis, requirements generation, interface control, and test planning/execution/data analysis.

TSC's Systems Development and Production Division in Huntsville, AL is currently looking to hire a Radar Engineer with an education and/or industry focus in radar analysis, systems engineering and test support.

Position Description: Radar Engineer

Applicants must have a B.S. in Electrical Engineering, Computer Engineering or Computer Science from an accredited University and 3 to 7 years of commensurate industry experience in radar performance analysis, system integration and operation, test support and radar data processing. Additionally, experience with C/C++ and Matlab in support of radar applications is desired. Experience with the following areas is required:

- Radar System Performance Analysis
- Radar System Signal Processing
- Radar Subsystem Integration and Testing
- Analysis of Requirements and Performance Testing
- Test Procedure and Report Generation
- Radar Operation and Field Test Support
- Radar Data Collection and Analysis
- Embedded C/C++ Applications.
- Data Analysis Scripting Language (e.g. Matlab, Python, MathCAD)
- Firmware Design for Xilinx or Altera FPGA Platforms

Applicant shall have experience developing white papers and analysis presenting concepts and possible solutions to technical problems. Candidate will be expected to assist in generating technical proposal responses.



Common responsibilities will include the following activities:

- Modeling and simulation of various radar systems using analysis tools such as Matlab.
- Development of software to control test equipment used to test radar system hardware.
- Hands on testing, operating and debugging radar system hardware
- Support of laboratory and field test applications for RF/microwave and analog systems.
- Generating integration and test documentation.

Ideal candidate will possess excellent organizational skills with the ability to prioritize work and maximize productivity. Candidate will be a self-motivated and free-thinking individual capable of technical discussion and complex problem solving. The candidate will have a personal interest in growing into a role of technical leadership.

Applicants must be U.S. citizens and will be required to obtain a security clearance.

TSC is an Equal Opportunity Employer. Qualified Veterans and Protected Class Candidates are encouraged to apply.

Send resumes to:

employment-hsv@tsc.com